

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

COPY FOR CONTINUING
APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **DELAY LOCKED LOOP IMPLEMENTATION IN A SYNCHRONOUS DYNAMIC RANDOM ACCESS MEMORY**
the specification of which
(check one)

 is attached hereto.

X was filed on October 6, 1994 as
Application Serial No. 08/319,042
and was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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COPY FOR CONTINUING
APPLICATION

- 2 -

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trade Mark Office connected therewith.

EDWARD E. PASCAL - Reg. 22934

Send correspondence to:

PASCAL & ASSOCIATES,
P.O. Box 11121, Station "H",
Nepean, Ontario,
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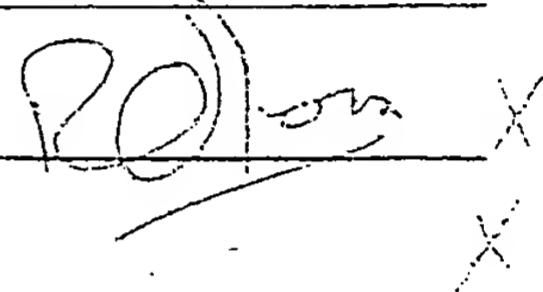
Direct Telephone calls to: Edward E. Pascal
at telephone No. (613)820-1366.

Oct 12, 1994

Full Name of sole or first inventor
RICHARD C. FOSS

Date

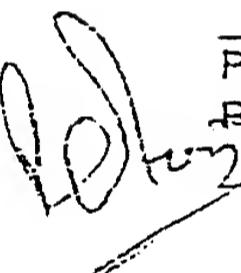
Inventor's signature



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Citizenship
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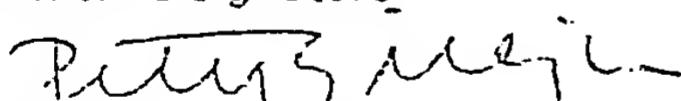

R.R. #3, Catawogie Lake, Ontario, Canada, K0J 1H0

Full Name of second joint inventor
PETER B. GILLINGHAM

Date

Oct 12, 1994

Inventor's signature



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APPLICATION

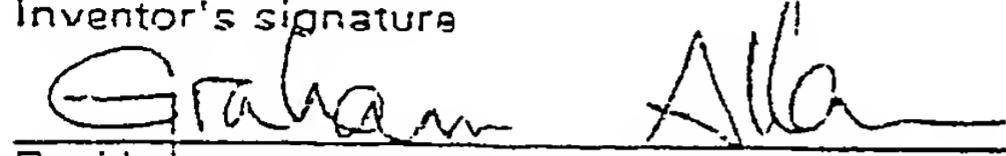
- 3 -

Full Name of third joint inventor
GRAHAM ALLAN

Date

OCTOBER 5, 1998

Inventor's signature



X

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Citizenship
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Full Name of fourth joint inventor

Date

Inventor's signature

Residence

Citizenship

Post Office Address

Full Name of fifth joint inventor

Date

Inventor's signature

Residence

Citizenship

Post Office Address

KVS/SMITH/MOS/MOS94-02.REV
MOS94-02.REV
JMS71
JMS/cjh
01-30-99

PATENT APPLICATION
DOCKET NO.: 243P36US
(MOS94-02)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Richard C. Foss, Peter B. Gillingham and Graham Allen

Patent No.: 5,796,673

Issued: August 18, 1998

Title: DELAY LOCKED LOOP IMPLEMENTATION IN A SYNCHRONOUS DYNAMIC
RANDOM ACCESS MEMORY

COPY

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>2-24-99</u>	<u>Clair J. Handalian</u>
Date	Signature
<u>CLAIRE J. HANDALIAN</u>	
Typed or printed name of person signing certificate	

REVOCATION OF POWERS OF ATTORNEY
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS

Box M Fee
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

MOSAID Technologies Incorporated, Ontario, Canada, is the assignee of the entire right, title and interest in the above-identified U.S. Patent. MOSAID Technologies Incorporated hereby appoints the attorneys and/or agents associated with:

Hamilton, Brook, Smith & Reynolds, P.C.
2 Militia Drive
Lexington, Massachusetts 02421-4799
Customer No. 21005

to conduct all business in the U.S. Patent and Trademark Office in connection with the above-identified U.S. Patent, and to prosecute any divisions or continuations thereof. All previously granted Powers of Attorney are hereby revoked.

Certification under 37 C.F.R. §3.73(b) is submitted herewith.

CC:TV

-2-

All correspondence should be sent to James M. Smith, Esq., Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799. Please direct all telephone calls to James M. Smith, Esq. at (781) 861-6240, and all facsimile communications to (781) 861-9540.

Respectfully submitted,
MOSAID Technologies Incorporated

By X

George Cwynar

Title President

Date X 10 February, 1999

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**COPY**Applicant(s): Richard C. Foss, Peter B. Gillingham and Graham AllenPatent No.: 5 796 673 Issued: August 18, 1998For: DELAY LOCKED LOOP IMPLEMENTATION IN A SYNCHRONOUS DYNAMIC RANDOM
ACCESS MEMORYMOSAID Technologies Incorporated

(Name of Assignee)

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is

A. the assignee of the entire right, title and interest in the patent application identified above.

B. an assignee together with [] of the entire right, title and interest in the patent application identified above. A separate Certificate under 37 CFR § 3.73(b) is attached.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7293, Frame 0950, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: X 10 February, 1999Name: George C. WynaTitle: PresidentSignature: X
